Bar.s.se.

ABN80300 standard; DNA; 18679 BP.

ABN80300;

(first entry) 15-JUL-2002 Human chemically modified disease associated gene SEQ ID NO 317.

Human; development; homeobox gene; HOX; diabetes; cancer; apoptosis; heart disease; epilepsy; histone deacetylation; muscular dystrophy; dwarfism; single nucleotide polymorphism; SNP; cytosine methylation; antidiabetic; cytostetic; anticonvuleant; ds.

sapiens Ношо

Synthetic.

WO200200927-A2

03-JAN-2002.

02-JUL-2001; 2001WO-BP007536

30-JUN-2000; 2000DE-01032529.

(RPIG-) EPIGENOMICS AG.

Berlin K; Olek A, Piepenbrock C,

WPI; 2002-130908/17

Novel nucleic acid useful for diagnosis and therapy of diseases associated with development genes such as diabetes, comprises a sequence of a segment of chemically pretreated DNA of genes associated with development.

Claim 1; SEQ ID NO 317; 27pp; English.

The invention relates to a nucleic acid (I) comprising a sequence at least 18 bases in length of a segment of chemically pretreated DNA (II) compered associated with development selected from 87 genes listed in the specification such as ACCPN, ADFN, or AFD1 and comprising one of 350 sequences (ABN79984-ABN80333) or their complements. The invention is useful for the diagnosis or therapy of diseases associated with chemical for the diagnosis or therapy of diseases associated with the development genes, ancer, apoptosis related diseases, syndromes associated with congenital heart disease, epilepsy, diseases, syndromes associated with congenital heart disease, epilepsy, diseases related to histone descetylation. Currarino syndrome, diseases related with the development of the brain and limb syrdle muscular dystrophy and dwarfism. Oligomers specific to each of the genes are useful for detecting the methylation state of all CpG dinucleotides within the 350 sequences or (II) and their complementary sequences, (II) and/or their complements and as oligomer probes for detecting the cycosine methylation state and/or single nucleotide polymorphisms (SNPs). Note: The sequence data for this pased on sequence information supplied to Derwent by the Buropean Patent Office.

Sequence 18679 BP; 4158 A; 716 C; 5033 G; 8772 T; 0 U; 0 Other

DB 6; Length 18679; Indels 100.0%; Score 25; 25; Conservative Best Local Similarity Matches 25; Conserva Query Match

11634 AGTITGIGGGITGITTAGITAATGG 11658 GTITAGITAATGG 25 1 AGITIGIGGGIT

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RESULT 4

ABL32050 ID ABL32050 standard; DNA; 16545 BP. XX

ABN80300 standard; DNA; 18679 BP

ABN80300;

15-JUL-2002 (first entry)

Human chemically modified disease associated gene SEQ ID NO 317.

Human; development; homeobox gene; HOX; diabetes; cancer; apoptosis; heart disease; epilepsy; histone deacetylation; muscular dystrophy; dwarfism; single nucleotide polymorphism; SNP; cytosine methylation; antidiabetic; cytostatic; anticonvulsant; ds.

Homo sapiens,

Synthetic.

WO200200927-A2.

03-JAN-2002.

02-JUL-2001, 2001WO-BP007536

30-JUN-2000; 2000DE-01032529. 01-SEP-2000; 2000DE-01043826.

(RPIG-) RPIGENOMICS AG.

Berlin Olek A, Piepenbrock C,

Ä

WPI; 2002-130908/17.

Novel nucleic acid useful for diagnosis and therapy of diseases associated with development genes such as diabetes, comprises a sequence of a segment of chemically pretreated DNA of genes associated with

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Sequence 18679 BP; 4158 A; 716 C; 5033 G; 8772 T; 0 U; 0 Other;

ilarity 100.0%; Score 24; DB 6; Length 18679;
Conservative 0; Mismatches 0; Indels n 0; Indels 

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RESULT 4

ABQ51324 standard; DNA; 588 BP. ABQ51324/c ID ABQ513 XX